## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO.  | DATE   |
|---------------------------|----------|---------|--------|
| FEE DETERMINATION         | As-      |         | 1//200 |
| O.I.P.E. CLASSIFIER       |          | 7       | 5-R00  |
| FORMALITY REVIEW          |          |         | 0.00   |
| RESPONSE FORMALITY REVIEW |          | 1 ( ) [ |        |
|                           |          | 100414  | 1/200  |

**INDEX OF CLAIMS** 

|   |                     | INDEX OF CLA | AIMS | DECT AVAILABLE | COL | <b>3</b> \   |
|---|---------------------|--------------|------|----------------|-----|--------------|
| ~ |                     | Rejected     | N    | BEST AVAILABLE | CO  | Ţ.\          |
| = |                     | Allowed      | I    | Interference   | ; ; | سر وو<br>س و |
| _ | (Through numeral) ( | Canceled     | Α    | Appeal         | , ; | 73<br>25 -   |
| ÷ |                     | Restricted   | 0    | Objected       |     |              |

|   |               |                  |                   |              |                                  |             |          |          |              |              |              |          |               |          |   | Objected      |          |              |           |          |          |          |              |          |          |          |                 |   |               |            |           |           |         |           |              |           |           |              |          |   |
|---|---------------|------------------|-------------------|--------------|----------------------------------|-------------|----------|----------|--------------|--------------|--------------|----------|---------------|----------|---|---------------|----------|--------------|-----------|----------|----------|----------|--------------|----------|----------|----------|-----------------|---|---------------|------------|-----------|-----------|---------|-----------|--------------|-----------|-----------|--------------|----------|---|
|   | Cla           |                  | Ĺ                 | <br>         | J. 1                             |             | <b>-</b> | Da       | ate          |              | _            |          |               | _        | ] | Cla           | im       |              |           | <u>_</u> |          | Da       | ite          |          |          |          |                 |   | Cla           | aim        |           |           |         | ָ         | Date         |           | _         |              | _        | _ |
|   | Final         | Driginal         | 960               |              |                                  |             |          |          |              |              |              |          |               |          |   | Final         | Original | 960          | 10        |          |          |          |              |          |          |          |                 |   | Final         | Original   |           |           |         |           |              |           |           |              |          |   |
|   |               | <u> </u>         | <b>)</b> v        | 1            | 7                                | •           |          |          | 1            | 1            | $\Box$       |          |               |          |   |               | 51       | ✓            | Ļ         | Y        |          | L        |              |          |          |          | T               |   |               | 101        | $\perp$   | 1         | _       | 1         | 1            | Ī         |           |              |          | L |
|   | -             | 3                | 1                 | +            | H                                | v           | 1        | ╁        | +            | +            | -            |          | H             | +        | - | $\vdash$      | 52<br>53 | 0            | 1         | H        | ├-       | ╁        |              | ┝        | ┝        | -        | +-              | - |               | 102<br>103 | +         | +         | +       | +         | +            | +         |           | $\dashv$     |          | L |
| l |               | ×                | lt                | $\dagger$    | H                                | <u> </u>    |          | ╁        | $^{+}$       | +            | -            |          | $\vdash$      | +        | 1 | Н             | 54       | 7            | 1/        | H        |          | $\vdash$ | +-           | $\vdash$ |          | $\vdash$ | +               | 1 | -             | 104        | +         | +         | +-      | +         | +            | -         | -         | -            |          | - |
|   |               | 5                | ١                 | I            | $\prod$                          | Y           |          |          | Ι            | I            |              |          |               |          | ] |               | 55       | 1            | Ĺ         | Ł        |          |          |              |          |          |          |                 |   |               | 105        |           | İ         |         | I         | 1            |           |           |              |          | Γ |
|   | _             | 7                | H                 | +            | ₩                                | 4           | L        | ┡        | $\downarrow$ | 4            | _            |          | _             | ┡        | 0 | <b>,</b>      | 56<br>57 | ~            | עו        | 1        | /        |          | $\perp$      |          |          | L        | 1               |   | $\vdash$      | 106<br>107 | $\perp$   | 4         | 4       | 4         | 4            |           |           |              |          | Ĺ |
| ŀ | 1             | <u>پ</u>         | H                 | ╁            | ╫                                | ╀           | ┝        | ╁        | ╁            | +            | -            |          | $\vdash$      | ╁        | 1 |               | 57<br>50 | =            | L         | V        | $\vdash$ | ╁        | ╁            | -        |          | H        | -               | ł |               | 108        | +         | +         | +       | +         | +            | +         | -         |              |          | H |
| ļ | $\dashv$      | 9                | H                 | T            | $\parallel$                      | t           |          | t        | $\dagger$    | $\dagger$    | 7            |          | -             | T        | 1 | H             | 59       | _            | H         | $\vdash$ | $\vdash$ | †-       | $\vdash$     | F        |          | H        | +               | 1 | _             | 109        | +         | +         | - -     | +         | +            | -         | 7         | -            |          | H |
| İ |               | 10               | П                 | I            | 1                                | I           |          | L        | I            | I            | $\Box$       |          |               | $\Box$   | ] |               | 60       |              |           |          |          |          | L            |          |          |          |                 |   |               | 110        |           |           | I       | 1         | I            | Ī         |           |              | -        |   |
| ŀ |               | 112              | 4                 | ļ            | 1                                | ļ           | $\vdash$ | Ͱ        | ╀            | 4            | -            |          | Ŀ             |          | - |               | 61       | ļ            |           |          | L        | ļ        | ļ            | _        | _        | L        | ╄               |   | <b>-</b>      | 111        | ┵         | 4         | $\perp$ | 4         | 4            | 4         |           | _            | ,        |   |
| ŀ |               | 13               | Н                 | ╁            | -                                | +           | $\vdash$ | -        | +            | +            | +            |          | -             | -        | 1 | $\vdash$      | 62<br>63 |              | -         |          |          | $\vdash$ | $\vdash$     | -        | $\vdash$ | -        | -               |   | $\vdash$      | 112<br>113 | +         | +         | +       | +         | +            | +         |           | $\dashv$     | _        | 1 |
| ŀ | $\rightarrow$ | 14               | H                 | t            | 1                                | t           | -        | +-       | Ť            | $\dagger$    | +            |          | <del> -</del> | $\vdash$ | 1 | $\vdash$      | 64       | H            |           | -        |          | $\vdash$ | $\vdash$     | -        | -        |          | $\dagger$       |   | $\vdash$      | 114        | +         | +         | +       | +         | +            | +         | $\dashv$  | $\dashv$     |          | H |
| ľ |               | 15               |                   | L            | 7                                | 1           |          |          | I            | I            | 1            |          |               |          | ] | -             | 65       |              |           |          |          |          |              |          |          |          |                 | 1 |               | 115        | 1         | İ         | I       | $\perp$   | 士            | 1         |           | 寸            | _        | L |
| ŀ | _             | 16)<br>17        | 1                 | L            | $\!\!\!\!/\!\!\!\!\!\!\!\!\!\!/$ | 4           |          | _        | 1            | $\downarrow$ | $\downarrow$ |          | ļ             | <u> </u> | 1 |               | 66       |              |           |          |          | Ĺ        |              |          |          |          |                 |   | -             | 116        | Ţ         | I         | I       | Ţ         | Ţ            | Ţ         | $\Box$    |              |          |   |
|   |               | 1 <u>7</u><br>18 | Y                 | Н            | H                                | +           | <u> </u> |          | ╁            | ╁            | ┪            |          | H             | -        | ł | -             | 67<br>68 |              |           |          | _        | H        | ┞            | $\vdash$ |          | <u> </u> | ┼-              |   | -             | 117<br>118 |           | +         | +       | +         | +            | +         | -         | $\dashv$     | _        | Ë |
|   |               | 19               | χt                | Н            | H                                | t           |          | -        | +            | $\dagger$    | $\forall$    | _        |               |          |   | $\rightarrow$ | 69       |              |           |          | H        | -        | ┢╌           | -        |          | -        | H               |   | _             | 119        | +         | +         | +-      | +         | +            | +         | $\dashv$  | +            |          | - |
|   |               | 20               | 7                 |              | 1                                | T           |          |          | T            | T            | 7            |          |               |          | 1 | $\vdash$      | 70       |              |           |          |          | 1        | <del> </del> | ļ        | <u> </u> | _        |                 |   |               | 120        | $\dagger$ | Ť         | +       | +         | +            | $\dagger$ | 7         | .            | -        | Г |
| _ |               | 21               | 1                 |              |                                  | I           |          |          |              |              |              |          |               |          |   |               | 71       |              |           |          |          |          |              |          |          |          |                 |   |               | 121        | $\perp$   | 1         | $\perp$ | T         | 1            | $\top$    | 7         |              |          | Ī |
|   |               | 22               | 4                 | П            | 1                                | Ц           |          | <u> </u> | L            | $\downarrow$ | 4            | 4        | _             |          |   |               | 72       |              |           |          |          |          |              |          |          |          |                 |   | -             | 122        | Τ         | I         |         | Ţ         | Ţ            | T         |           | $\Box$       |          |   |
| _ | -             | 23               | +                 | Н            | +                                | Н           |          | -        | ╀╌           | +            | +            |          | •             | -        |   | -             | 73<br>74 |              |           |          |          | -        | -            | -        |          |          |                 |   |               | 123<br>124 | +         | +         | +-      | +         | +            | +         |           |              | _        | L |
| , | -+-           | 25               | †                 | H            | #                                | 1           |          |          | ┢            | $\dagger$    | $\dagger$    | ᅦ        |               | -        |   |               | 75       | -            |           | _        |          | -        | -            | $\vdash$ |          |          | Н               |   | -             | 125        | +         | +         | +       | +         | +            | +         | +         | $\dashv$     | $\dashv$ | H |
|   |               | 26               |                   | П            |                                  |             |          |          |              | I            |              |          |               |          |   |               | 76       |              |           |          |          |          |              |          |          |          |                 |   | $\vdash$      | 126        |           | İ         | Ī       | Ť         |              | $\perp$   | _         | T            |          |   |
| _ |               | 27               | 4                 | 1            | 4                                | 4           | _        |          | _            | 1            | 4            |          |               | Ĺ        |   |               | 77       | 4            | _         |          | _        | L        |              |          | _        |          |                 |   |               | 127        |           | $\perp$   |         | Γ         | Ţ            | $\perp$   | $\Box$    | $\perp$      |          | Ŀ |
| _ |               |                  | 0<br>V            | H            | $\parallel$                      | +           |          |          | ┞            | ╀            | +            | -        |               |          |   |               | 78<br>79 |              |           |          | -        |          |              | _        | -        |          | Н               |   |               | 128<br>129 | +-        | +         | +       | +         | +            | +         | 4         | 4            | 4        |   |
|   |               | 30               | ľ                 | H            | $\parallel$                      | +           | _        |          | ┢            | $\dagger$    | +            | -        |               |          |   |               | 80       | +            | -         | -        |          |          |              |          | -        |          | Н               |   |               | 130        | +-        | +         | +-      | ╁         | ╁            | ╁         | ╅         | $\dashv$     | $\dashv$ | - |
| _ |               | 31               | İ                 | I            | $\parallel$                      | 1           |          |          |              | İ            |              |          |               |          |   |               | 81       |              |           |          |          |          |              |          |          |          |                 |   | -             | 131        | +         | T         | +       | †         | $^{\dagger}$ | T         | $\forall$ | $\dashv$     |          | _ |
|   |               | 32               | Ц                 | 1            | 4                                | 1           |          |          |              | L            | 1            | $\perp$  |               |          |   |               | 82       |              |           |          |          |          |              |          |          |          |                 |   | <b>→</b>      | 132        | $\top$    | L         | I       | Ι         | $\perp$      |           |           |              |          |   |
|   |               | 33               | H                 | +            | Н                                | Н           | -        |          | _            | ╀            | +            | $\dashv$ |               |          |   |               | 33<br>34 | -            |           | $\dashv$ | $\dashv$ |          |              |          |          |          | $\vdash$        |   |               | 133<br>134 | -         | +         | 4-      | -         | +            | +         | +         | $\dashv$     | 4        | L |
|   |               | 55               | t                 | $\dagger$    | +                                | H           | -        |          | $\vdash$     | +            | +            | $\dashv$ | -             | -        |   |               | 35       | $\dashv$     | -         | $\dashv$ |          |          |              |          |          |          | Н               |   |               | 135        | ╁         | +         | +       | ╀         | +            | +         | +         | $\dashv$     | -        | _ |
|   | 3             | 6                |                   | 1            | İ                                | I           |          |          |              | I            | 1            |          |               |          |   | [8            | 36       |              |           |          |          |          |              |          |          |          |                 |   |               | 136        | T         | T         | T       | İ         | 1            | ╛         | +         | _            |          |   |
|   |               |                  | Ň                 | $\downarrow$ | F                                | $\prod$     |          |          | Ĺ            | L            | $\perp$      | $\bot$   |               |          |   |               | 37       | $\Box$       | $\exists$ |          | $\Box$   |          |              | $\Box$   | $\Box$   | _        |                 |   |               | 137        |           | I         |         | L         | I            | Ţ         | 1         | 1            |          | _ |
| • |               |                  | 9                 | +            | +                                | #           | -        |          | H            | -            | +            | $\perp$  | _             |          |   | _             | 38<br>39 | $\dashv$     | -         |          |          | _        |              | _        | $\dashv$ | _        | $\vdash \vdash$ |   |               | 38         | -         | $\vdash$  | +       | +         | +-           | +         | +         | 4            | 4        | _ |
|   |               | 0                |                   | +            | +                                | +           | -        | -        | -            | +            | +            | +        | _             | _        |   |               | 90       | +            | -         |          | $\dashv$ | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$ | -        | H               |   | $\overline{}$ | 40         | +-        | +         | +       | +         | +            | +         | +         | $\dashv$     | $\dashv$ | _ |
| - |               | 11               | H                 | 1            |                                  | †           | -        |          | -            | $\vdash$     | +            | +        |               | _        |   |               | 11       | +            | $\dashv$  | ᅥ        | $\dashv$ | $\dashv$ | $\dashv$     |          | $\dashv$ |          | Н               |   |               | 141        | +         | t         | +       | +         | +            | +         | +         | +            | +        | _ |
| _ |               | 2                | П                 |              |                                  | 1           |          |          |              | L            | I            |          |               |          |   |               | 92       |              |           |          |          |          |              |          |          |          |                 |   |               | 142        |           | İ         | T       |           | 1            | İ         | 1         | ightharpoons | ╛        | _ |
|   |               | 3                | $\parallel$       |              | L                                | 1           | 4        |          |              | L            | 1            | $\bot$   |               | _        | [ |               | 93       | $\mathbb{I}$ |           | 1        | $\Box$   | $\Box$   |              | $\Box$   | $\Box$   |          |                 |   |               | 43         | I         | L         | I       | Γ         | 1            | T         | Ţ         | 1            | $\Box$   | _ |
| _ |               | 5                | H                 | -            | 4                                | +           | $\dashv$ |          | ļ            | $\vdash$     | +            | +        | $\dashv$      |          | } |               | 94       | +            | 4         | $\dashv$ | $\dashv$ | _        | -            |          | -        |          | Н               |   |               | 45         | +         | $\perp$   | +       | ╀         | +            | +         | +         | +            | 4        | _ |
| - |               | 6                | $\dagger \dagger$ | 1            | +                                | #           | +        | -        | -            | -            | +            | +        | -             | $\dashv$ | ŀ |               | 6        | +            |           | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$ | -        | Н               |   |               | 46         | +-        | +         | +       | ╁         | +            | ╁         | +         | +            | -        |   |
| _ | 4             | 7                | I                 | 1            | İ                                | $\parallel$ |          |          |              |              | Ť            |          |               |          | Ì | 9             | 7        | _            | 7         | 1        |          |          |              |          | _        |          | Н               |   |               | 47         | +-        | $\dagger$ | †       | $\dagger$ | +            | $\dagger$ | +         | +            | 1        |   |
| _ |               | 8                | $\prod$           | Ţ            | L                                | И           |          |          |              |              | Ţ            |          |               |          | ļ |               | 8        | $\Box$       |           | $\Box$   |          |          |              |          |          |          |                 | j | 1             | 48         | I         | I         | I       | I         | 1            | 1         | 1         |              |          | _ |
| _ | 14            | 9                | $\parallel$       | 4            | X                                | $\ $        | 4        |          |              | -            | +            | +        | -             |          | - |               | 9        | 4            | 4         | -        | -        |          |              |          | 4        | _        | Ц               |   |               | 49         | $\perp$   | +         | -       | -         | 1            | $\perp$   | 4         | $\perp$      | 4        |   |
| - | 70            | ٠,١              | <b>X</b> I        | ע            | 1_`                              | ¥           | 1        | لــــ    |              | <u></u>      |              |          | _             |          | L |               | 00       |              |           | _        | _1       |          |              |          | 1        |          |                 | ł | [1            | 50         | ┸         | _         |         | 1_        | L            | Т.        | 上         |              | _        |   |

If more than 150 claims or 10 actions staple additional sheet here